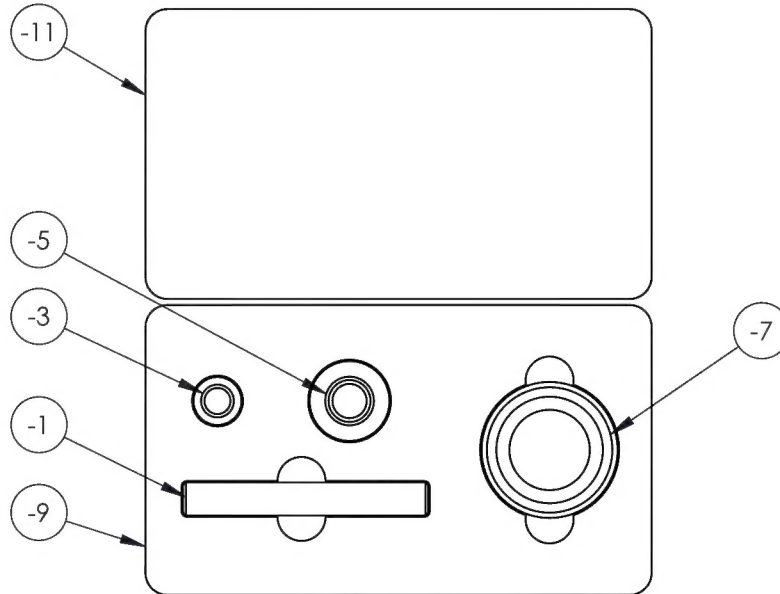


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	5/24/2016	RJC	JAG



NOTE:
REF. EUROCOPTER T/N 105-14181W6.



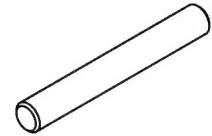
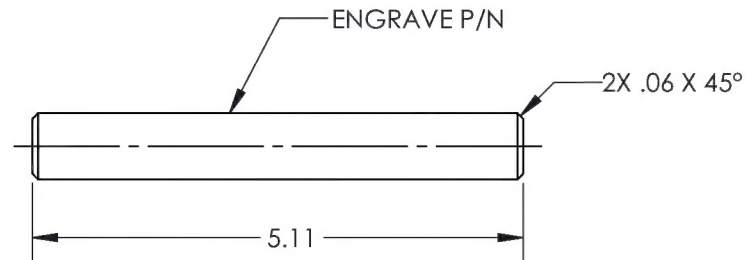
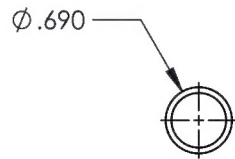
TITLE
PUSHING-OUT TOOL

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.	DWG NO. RBE105-14181W6				REV 1	
			-1	1	PLUNGER	A36/1018/1020 HR		2	MAT'L		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS ± 1/8 XXX ± .005 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009			
			-3	1	DRIFT	A36/1018/1020 HR		3	HEAT TREAT FINISH					
			-5	1	GUIDE BUSHING	6061		4	SPEC					
			-7	1	SUPPORT	6061		5	DRAWN BY: CLOUGH					
		B/O	-9	1	BOTTOM FOAM	Y20 BLACK	2.08 X 6.04 X 10.54 (I.R. SPECIALTIES)	6	CHECKED:	DUERFELDT				
		B/O	-11	1	TOP FOAM	Y20 BLACK	1.08 X 6.04 X 10.54 (I.R. SPECIALTIES)	7	OPPS APPR:	ANDERSON				
		B/O	-13	1	CASE	PLASTIC	PELICAN CASE #APP-1170-E	N/S	QA APPR:	LINDSAY		USED ON MODEL		
		B/O		1	DART PLACARD	ALUMINUM	RB41011	N/S	APPROVED:	GILBERT		EC145		
		B/O							SCALE	1:2	DATE	1/13/2016	SHEET 1 OF 7	

MAT'L		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT		DIMENSIONS ARE IN INCHES	
FINISH		.XXX ± .005 FRACTIONS ± 1/8	
SPEC		.XX ± .01 ANGLES ± .5°	
DRAWN BY: CLOUGH		.X ± .1 SURFACES = 125°	
CHECKED: DUERFELDT		1. BREAK ALL SHARP EDGES	
OPPS APPR: ANDERSON		.015 x 45° OR .015R	
QA APPR: LINDSAY		2. DIMENSIONAL LIMITS APPLY	
APPROVED: GILBERT		AFTER PLATING	
SCALE 1:2		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DATE 1/13/2016		USED ON MODEL	
		EC145	
		SHEET 1 OF 7	

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				APPROVED

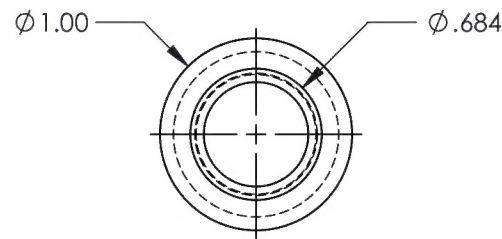
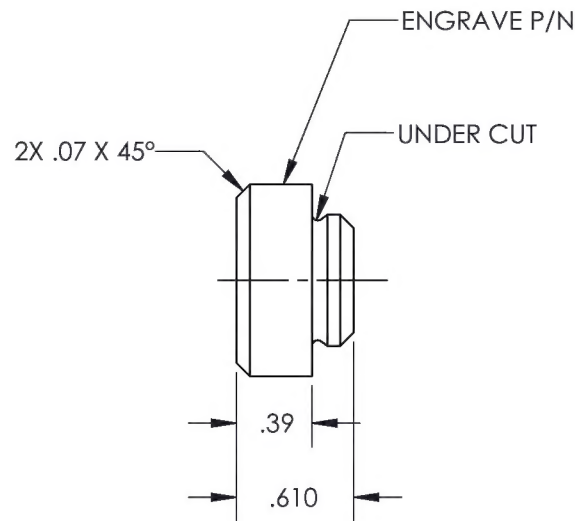
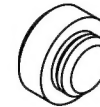


(-1)
PLUNGER

DART AEROSPACE	
TITLE PUSHING-OUT TOOL	
DWG NO. RBE105-14181W6-1	REV 1
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± .5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:2	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 1/13/2016	USED ON MODEL
	EC145
	SHEET 2 OF 7

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REVISIONS			
REV	ECR	DESCRIPTION	DATE
			INITIAL
			APPROVED

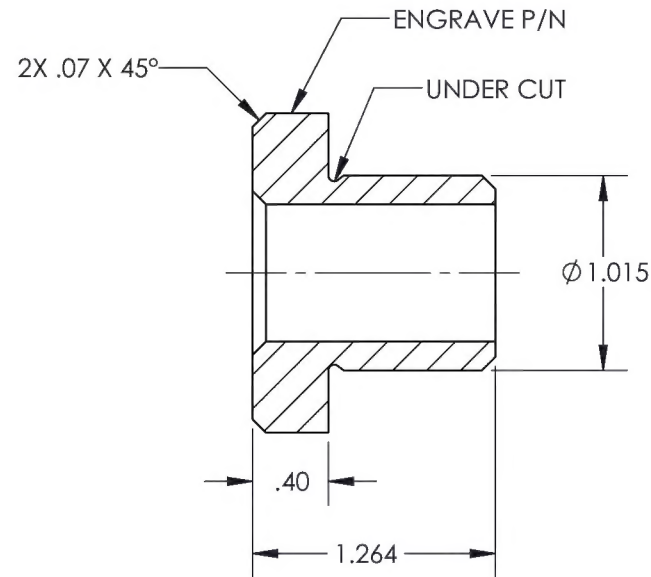
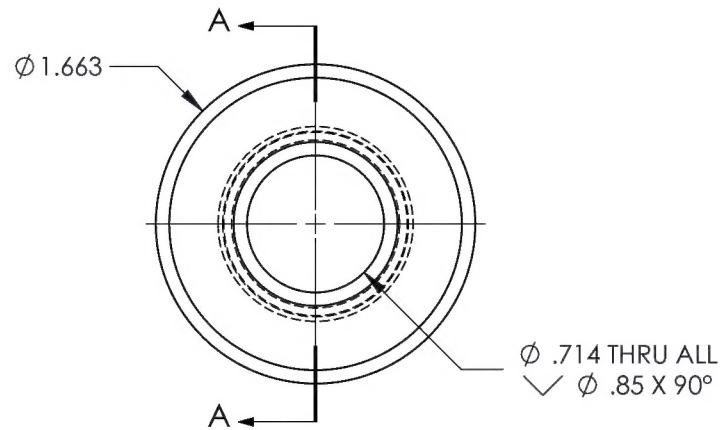
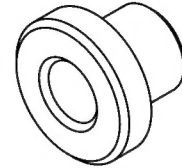


(-3)
DRIFT

DART AEROSPACE	
TITLE PUSHING-OUT TOOL	
DWG NO. RBE105-14181W6-3	REV 1
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± .5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125°
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	EC145
SCALE 1:1	DATE 1/13/2016
	SHEET 3 OF 7

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL



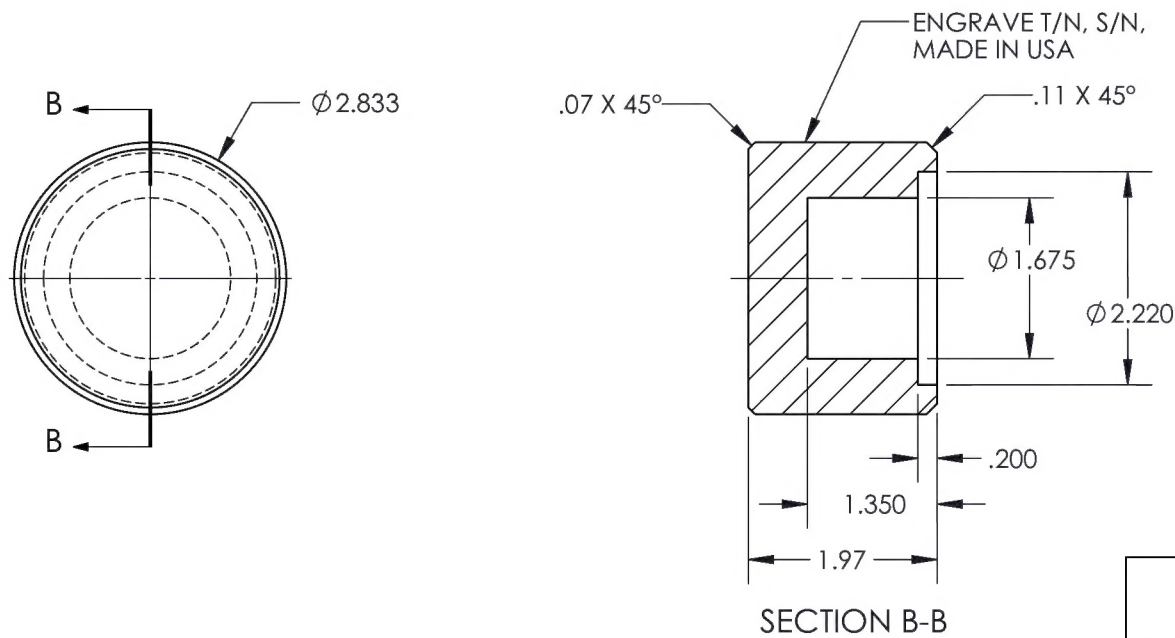
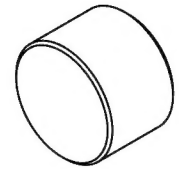
SECTION A-A

(5)
GUIDE BUSHING

DART AEROSPACE	
TITLE PUSHING-OUT TOOL	
DWG NO. RBE105-14181W6-5	REV 1
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH CLEAR ANODIZE	.XXX ± .005 FRACTIONS ± 1/8
SPEC MIL-A-8625, TYPE II, CLASS I	.XX ± .01 ANGLES ± 5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125✓
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 1/13/2016	USED ON MODEL
SHEET 4 OF 7	EC145

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				APPROVED

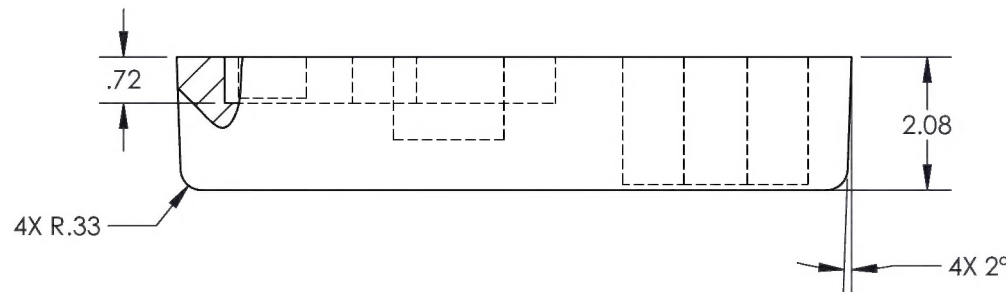
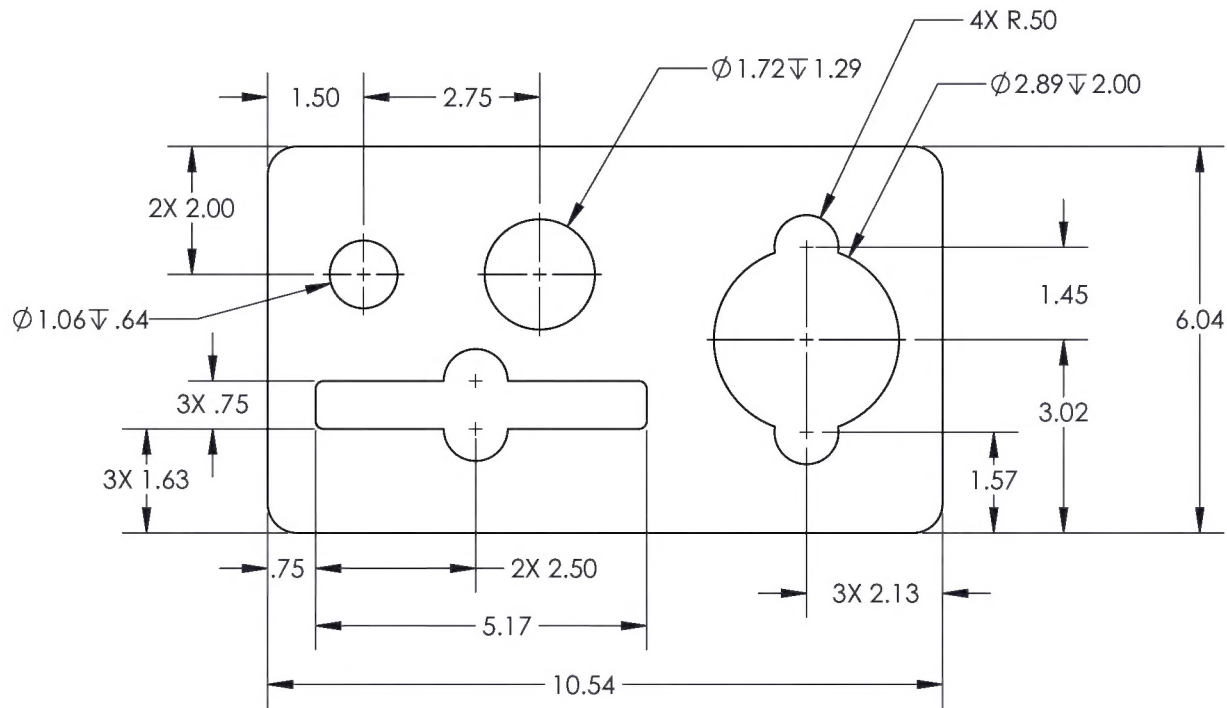
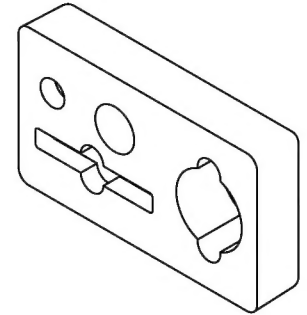


(-7)
SUPPORT

DART AEROSPACE	
TITLE PUSHING-OUT TOOL	
DWG NO. RBE105-14181W6-7	REV 1
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH CLEAR ANODIZE	.XXX ± .005 FRACTIONS ± 1/8
SPEC MIL-A-8625, TYPE II, CLASS I	.XX ± .01 ANGLES ± .5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125✓
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:2	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 1/13/2016	USED ON MODEL
SHEET 5 OF 7	EC145

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				APPROVED



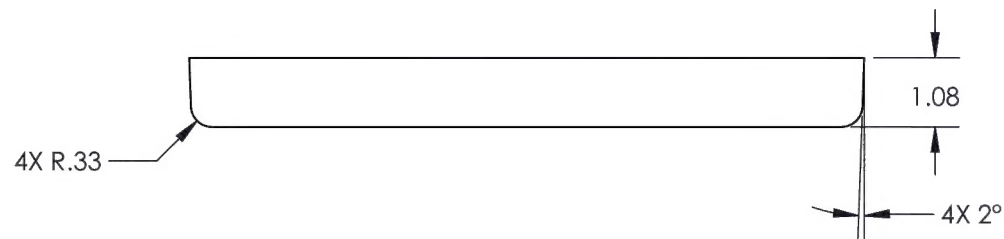
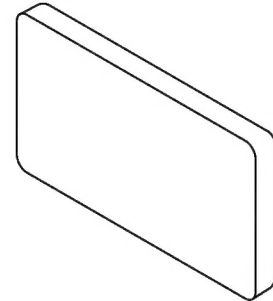
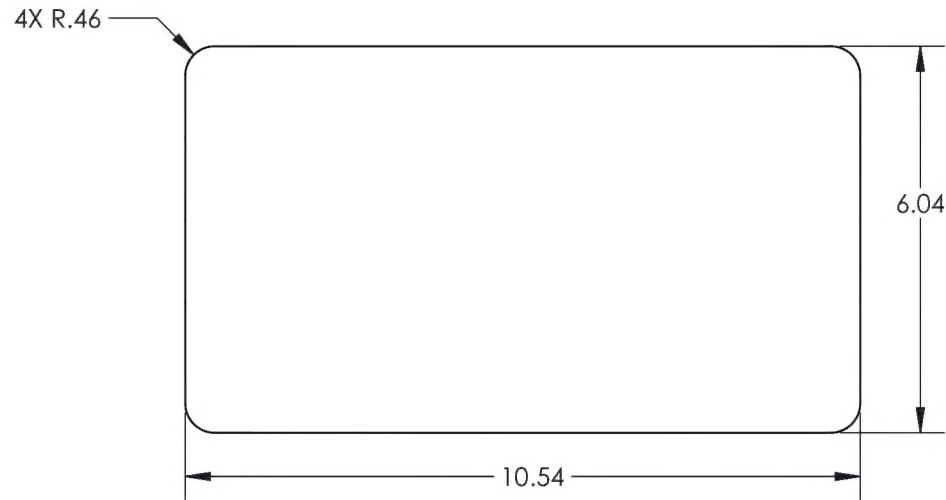
(-9)

BOTTOM FOAM

DART AEROSPACE	
TITLE PUSHING-OUT TOOL	
DWG NO. RBE105-14181W6-9	REV 1
MAT'L Y20 BLACK	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	EC145
SCALE 1:3	DATE 1/13/2016
	SHEET 6 OF 7

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				APPROVED



(-11)

TOP FOAM

DART AEROSPACE	
TITLE PUSHING-OUT TOOL	
DWG NO. RBE105-14181W6-11	REV 1
MAT'L Y20 BLACK TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL EC145	
SCALE 1:3	DATE 1/13/2016
SHEET 7 OF 7	